



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Udayakumar et al.

Art Unit: 2811

Serial No.: 10/620,516

Examiner: Crane, S.

Filing Date: 07/16/2003

Docket No.: TI-35996

Customer No.: 23494

Conf. No.: 8502

Title: HYDROGEN BARRIER FOR PROTECTING FERROELECTRIC CAPACITORS  
IN A SEMICONDUCTOR DEVICE AND METHODS FOR FABRICATING THE SAME

**SUPPLEMENTAL DECLARATION**

Commissioner of Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

I (We), K. R. Udayakumar, Martin G. Albrecht, Theodore S. Moise IV, Scott R. Summerfelt, Sanjeev Aggarwal, and Jeff L. Large, as joint inventors named in the application for letters patent for an improvement in, Serial No. 10/620,516, filed in the United States Patent and Trademark Office on or about the 16th day of July, 2003, declare that I have reviewed and understand the subject matter of the following amendment(s):

Amendment 1.111 filed 5/10/2004

Amendment 1.116 filed 8/16/2004

Amendment 1.111 filed 3/2/2005

that said subject matter, including the claims as amended, was part of our invention, and was invented before the filing of the original application, above identified, for such invention; and that I acknowledge my duty to disclose information of which I am aware which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I further declare that all statements herein made of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR <i>K. R. Udayakumar</i> K. R. Udayakumar	SIGNATURE OF INVENTOR <i>M. Albrecht</i> Martin G. Albrecht	SIGNATURE OF INVENTOR <i>Theodore S. Moise IV</i> Theodore S. Moise IV
DATE <i>May 05, 2005</i>	DATE <i>5/5/05</i>	DATE <i>May 5, 2005</i>

SIGNATURE OF INVENTOR <i>Scott R. Summerfelt</i> Scott R. Summerfelt	SIGNATURE OF INVENTOR <i>Sanjeev Aggarwal</i> Sanjeev Aggarwal	SIGNATURE OF INVENTOR <i>Jeff L. Large</i> Jeff L. Large
DATE <i>5/5/2005</i>	DATE <i>May 05, 2005</i>	DATE <i>May 16/2005</i>

